

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/006654

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C227/16 C07C229/28 C07C213/08 C07C215/20 C07D211/32
C07D211/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DEVANT R ET AL: "STEREOSELEKTIVE ALDOLREAKTION MIT CHIRALEN SEKUNDAEREN ACETAMIDEN STEREOSELECTIVE ALDOL REACTION WITH CHIRAL SECONDARY ACETAMIDES" CHEMISCHE BERICHTE, VERLAG CHEMIE GMBH. WEINHEIM, DE, vol. 119, 1 July 1986 (1986-07-01), pages 2191-2207, XP000608390 ISSN: 0009-2940 page 2205, line 5, paragraph 2</p> <p style="text-align: center;">----- -/-</p>	1-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

09/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>HAYASHI T ET AL: "CHIRAL (BETA-AMINOALKYL)PHOSPHINES. HIGHLY EFFICIENT PHOSPHINE LIGANDS FOR CATALYTIC ASYMMETRIC GRIGNARD CROSS-COUPLING" JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 48, no. 13, 1983, pages 2195-2202, XP000881116 ISSN: 0022-3263 page 2199, line 6-, paragraph 3 - line 13</p>	1-9
Y	<p>SCHUDA P F ET AL: "A SHORT AND EFFICIENT SYNTHESIS OF (3S,4S)-4-U(TERT-BUTYLOXYCARBONYL) AMINO-5-CYCLOHEXUL-3- HYDROXPENTANOIC ACID ETHYL ESTER" JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 53, no. 4, 1988, pages 873-875, XP002042034 ISSN: 0022-3263 page 873, right-hand column, paragraph 2 page 874, left-hand column, paragraph 2</p>	1-9
Y	<p>FAUSTINI F ET AL: "STEREOSPECIFICITY IN THE TRANSFORMATION OF ALPHA-AMINOACIDS INTO FLUOROACIDS" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 22, no. 45, 1981, pages 4533-4536, XP002072792 ISSN: 0040-4039 Note 6 page 4536</p>	1-9
Y	<p>D.J. PLATA ET AL: "The Stereospecific Preparation of an Hydroxyethylene Isostere Precursor Via a Novel Piperidine-2,5-Dione Template" TETRAHEDRON LETTERS, vol. 32, no. 30, 1991, pages 3623-3626, XP002307989 See step a) page 3624; figure 1</p>	1-9
A	<p>TAMURA S Y ET AL: "Guanylpiperidine peptidomimetics: potent and selective bis-cation inhibitors of factor Xa" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 10, no. 8, April 2000 (2000-04), pages 745-749, XP004203487 ISSN: 0960-894X see step a) page 746; figure 1</p>	1-9